

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Canceled).
2. (Previously presented) The printing system of claim 3, wherein the boronic acid dye comprises a boric acid group or a boronic acid group and a dye selected from the group consisting of azo, triphenylmethane, anthraquinone, methine, xanthine, oxazine, thiazine, azine, thiazole, quinolinone, aminoketone, nitro, nitroso, phthalocyanine, acridine, indamine, and indophenol.
3. (Currently amended) A printing system comprising:
  - a print medium;
  - a coating layer on the print medium, wherein the coating layer comprises one or more particles of a polyhydroxylated material having at least two hydroxyl groups positioned for binding with [[the]] a boronic acid dye; and
  - an inkjet ink having [[a]] the boronic acid dye for binding with at least one of the two hydroxyl groups in the coating layer.
4. (Previously presented) The printing system of claim 3, wherein the polyhydroxylated material comprises a polyhydroxylated compound having at least two hydroxyl groups on one molecule of the polyhydroxylated compound.
5. (Previously presented) The printing system of 4, wherein the at least two hydroxyl groups are positioned on the same side of the polyhydroxylated compound.

6. (Previously presented) The printing system of claim 4, wherein the at least two hydroxyl groups are positioned on adjacent atoms.
7. (Previously presented) The printing system of claim 4, wherein the at least two hydroxyl groups are positioned on non-adjacent atoms.
8. (Previously presented) The printing system of claim 4, wherein the polyhydroxylated compound is selected from the group consisting of polyvinyl alcohol, cellulose, a sugar, and a starch.
9. (Previously presented) The printing system of claim 3, wherein the polyhydroxylated material comprises at least two hydroxylated compounds, each hydroxylated compound having at least one hydroxyl group.
10. (Previously presented) The printing system of 9, wherein the at least one hydroxyl group on each of the at least two hydroxylated compounds is positioned on the same side of the polyhydroxylated material.
11. (Previously presented) The printing system of claim 9, wherein the hydroxylated compound comprises silica or a modified silica.
12. (Currently amended) A method of reducing dye migration on a print medium, comprising:
  - providing a print medium having a coating layer having one or more particles of a polyhydroxylated material having at least two hydroxyl groups positioned for binding with [[the]] a boronic acid dye;
  - applying an inkjet ink comprising [[a]] the boronic acid dye to the coating layer of the print medium; and
  - forming a covalent bond between the boronic acid dye and the polyhydroxylated material on the coating layer to reduce dye migration.

13. (Canceled).

14. (Currently amended) The method of claim 13, wherein ~~providing the print medium having a~~ ~~the one or more particles of~~ polyhydroxylated material comprises ~~providing~~ a polyhydroxylated compound having at least two hydroxyl groups on one molecule of the polyhydroxylated compound or ~~providing~~ at least two hydroxylated compounds, each hydroxylated compound having at least one hydroxyl group.

15. (Currently amended) The method of claim [[13]] 14, wherein ~~providing the print medium having a~~ ~~the~~ polyhydroxylated material comprises ~~providing~~ the polyhydroxylated material selected from the group consisting of polyvinyl alcohol, cellulose, sugar, starch, silica, and a ~~or~~ modified silica.

16. (Previously presented) The method of claim 12, wherein applying an inkjet ink comprising a boronic acid dye to the print medium comprises applying the inkjet ink comprising a boric acid group or a boronic acid group attached to a dye selected from the group consisting of azo, triphenylmethane, anthraquinone, methine, xanthine, oxazine, thiazine, azine, thiazole, quinolinone, aminoketone, nitro, nitroso, phthalocyanine, acridine, indamine, and indophenol.

17. (Previously presented) The method of claim 12, wherein forming a covalent bond between the boronic acid dye and the coating layer comprises forming a covalent bond between the boronic acid dye and the at least two hydroxyl groups in the polyhydroxylated compound or the hydroxyl groups in the at least two hydroxylated compounds.

18. (Currently amended) A printed image having improved permanence, comprising:

    a boronic acid dye covalently bonded to one or more particles of a polyhydroxylated material on a coated print medium, wherein the

| one or more particles of the polyhydroxylated material comprises a polyhydroxylated compound having at least two hydroxyl groups on one molecule of the polyhydroxylated compound or at least two hydroxylated compounds, each hydroxylated compound having at least one hydroxyl group.

19. (Canceled).

20. (Canceled).